

CLAIMS

Having described my invention, what I claim as new and desire to secure by Letters Patent is:

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1. A method for treating a work material containing a target constituent comprising the steps of presenting said work material for treating in accordance with said method; and applying a treating agent to said work material operable to treat said work material to achieve a predetermined objective relative to the target constituent in said work material.

2. The method of claim 1 wherein said target constituent of the work material contains ozone.

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3. The method of claim 1 wherein said work material is an aqueous solution.

4. The method of claim 3 wherein the target constituent is substantially ozone. \

5. The method of claim 1 in which in the applying step said treating agent is a thiosulfate.

6. The method of claim 5 wherein said treating agent is a thiosulfate selected from the group consisting of calcium thiosulfate, potassium thiosulfate, sodium thiosulfate and ammonium thiosulfate.

7. The method of claim 6 wherein said treating agent is calcium thiosulfate.

8. The method of claim 7 wherein said work material is water.

9. The method of claim 8 wherein said target constituent is ozone.

10. The method of claim 9 in which, in said presenting step, the water is passed through a water treatment system and, in said applying step, said calcium thiosulfate is applied directly to the water as it is passed through said water treatment system.

11. The method of claim 10 in which, in the applying step, the calcium thiosulfate is applied directly to the water as it is passed through said water treatment system at the rate of substantially about four (4) gallons of said calcium thiosulfate per one million gallons (1,000,000 gallons) per day of said water.

12. The method of claim 10 wherein, as a result of said applying step, said calcium thiosulfate quenches said ozone in the water before it passes from the water treatment system substantially without the release of undesirable by-products therefrom.

13. The method of claim 10 wherein, as a result of said applying step, said calcium thiosulfate quenches excess ozone in the water before it passes from the water treatment system substantially without the release of undesirable by-products therefrom.
14. The method of claim 13 in which in said presenting step said water treatment system receives said water in a form which would otherwise be considered waste water without treatment by said water treatment system.
15. The method of claim 10 in which, in the applying step, said calcium thiosulfate is applied in an amount sufficient substantially to render harmless said ozone in the water.


DONALD D. HOLBROOK